

Bovine Ribonuclease K6 (RNASE6) ELISA Kit-Sandwich

Cat. No.: EK2F474

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Bovine Ribonuclease K6 (RNASE6) ELISA Kit-Sandwich is designed for the quantitative determination of Bovine Ribonuclease K6 (RNASE6) in serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids using a Sandwich ELISA method. For research use only.

Specifications

Assay Type	ELISA-Sandwich
Specificity	The assay kit is specific for Bovine RNASE6.
Target Species	Bovine
Species Reactivity	Bovine
Reproducibility	Intra-Assay: CV < 10%; Inter-Assay: CV < 10%
Assay Time	Around 210 min
Sample Requirement	Serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids.

Target Information

Ribonuclease K6 is an endoribonuclease enzyme that cleaves RNA molecules at specific sites. RNK6 is involved in various RNA processing events, including rRNA (ribosomal RNA) maturation and tRNA (transfer RNA) splicing. It is encoded by the bovine gene *RNASE6*. It is a secreted protein of the ribonuclease A (RNaseA) superfamily and has a wide range of physiological functions, including digestion, cytotoxicity, angiogenesis, male reproduction and host defence.

Target/Biomarker	Bovine RNASE6
Target Synonym	Ribonuclease K6; RNase K6; EC 3.1.27.-
Gene ID	282341
UniProt ID	P08904

Shipping and Storage

This product is shipped with gel ice packs. It is recommended to store at 2-8 °C (Up to 6 months).

Reference

Fang, Y. *et al.* Hypomethylation of Rnase6 Promoter Enhances Proliferation and Migration of Murine Aortic Vascular Smooth Muscle Cells and Aggravates Atherosclerosis in Mice. *Frontiers in Bioengineering and Biotechnology*. 2021, 9.

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.